

09/889500

UNITED STATES PATENT AND TRADEMARK OFFICE

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**Applicant:** Wolfgang Ehrfeld  
**International Application No.:** PCT/EP00/00421  
**International Filing Date:** 20 January 2000  
**Title:** DISK MOTOR WITH BEARING  
PRESTRESSING FEATURE  
**Agent's Reference No.:** FMW-JJ-PCT-US  
**Date:** July 17, 2001

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**INFORMATION DISCLOSURE STATEMENT**

Sir:

The present invention relates to a disk motor with an armature disk, which is rotatably mounted and provided with permanent magnets, and with a stator which comprises a stator plate which is equipped with coils. The aim of the invention is to provide a disk motor that is as flat as possible and that is characterized by an improved smoothness of running. To this end, an annular soft-magnetic prestressing device is arranged concentrically on the stator plate in such a manner that at least one section of the prestressing device is located below the coil window of the coils in the axial direction. The armature disk may support an annular flux-return element opposite which the annular prestressing device is located in the radial direction. Said prestressing device has a cross-sectional contour that guides the magnetic lines of electric flux from the annular flux-return element to the coil window.

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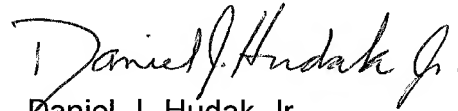
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An examination of the present application considering the above

documents is requested.

Respectfully submitted,

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Authorized and encouraged under C.F.R. §1.97-1.99, applicant  
hereby cites as a means of complying with the duty of disclosure set forth in 37

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C.F.R. §1.56, the following patents and/or documents, copies enclosed, which the Examiner should consider with respect to the above-identified United States Patent Application:

U.S. DOCUMENTS		
PATENT/DOCUMENT NO.	DATE	INVENTOR
4,164,690	August 14, 1979	Muller et al.
4,922,162	May 1, 1990	Shiraki et al.
FOREIGN DOCUMENTS		
PATENT/DOCUMENT NO.	DATE	COUNTRY
10174406	June 26, 1998	JP (Abstract)
297 05 634	May 22, 1997	DE
0620152360	July 07, 1987	JP (Abstract)
29 52 095	July 17, 1980	DE

Copies of the publications are included for the express purpose of providing the Patent and Trademark Office with an ample opportunity to evaluate the same and to arrive at an independent assessment of their materiality, if any, with regard to the examination of the application.

In reviewing the enclosed copies of the above publications, the Examiner is requested to ignore any underscoring or highlighting which may appear because such markings may or may not have any relationship to the subject matter of the above-identified application. The copies being submitted with this Information Disclosure Statement are the best copies available at this time.